

**POST DOCTORAL CERTIFICATE IN DIALYSIS  
MEDICINE****Term-End Theory Examination****December, 2013****MCMD-002 : HEMO-DIALYSIS - ADVANCED***Time : 3 hours**Maximum Marks : 70***Note :** *Attempt all questions.*

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1. A 30 year old man presented with hematuria, oliguria and hemoptysis of 1 week duration. creatinine is 5.0 mg/dl. Renal biopsy showed crescentic glomerulonephritis. Which modality of Therapy would you like to use. Discuss the technique, prescription and anticipated complications of the modality of the therapy. 20
  
  2. (a) What are the causes of sudden death in hemodialysis patients ? Discuss the measures to prevent the same. 10
  - (b) Discuss the pathophysiology and management of intradialytic hypotension. 10
  - (c) Discuss the epidemiology, clinical features, diagnosis and management of Hepatitis C virus infection in hemodialysis unit. What are the preventive measures recommended ? 10
  - (d) Discuss the aetiopathogenesis, management and prevention of dialysis disequilibrium. 10
  - (e) What are the factors to be considered while initiations renal replacement therapy (RRT) in elderly endstage renal disease (ESRD) patients and discuss the specific issues regarding hemodialysis in the elderly. 10
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